

AMENDMENTS

In the Claims:

Please cancel claims 43 and 46 without prejudice, amend claims 3, 28 43, and 46 as set forth below. Changes in the amended claims are shown by underlining (for added matter) and strikethrough (for deleted matter). All the pending claims are reproduced below.

1-2. (CANCELLED)

3. (CURRENTLY AMENDED) An open flame resistant mattress comprising:

a) a core comprising at least one of:

a plurality of springs;

a foam material;

a water bladder;

a batting;

an air bladder; and

a hairblock; and

b) an outermost decorative fabric layer of a ticking layer at least partially enclosing said core;

c) a fire barrier textile at least partially enclosing said core, and disposed between said core and said outermost decorative fabric layer of said ticking layer; and

d) wherein said fire barrier textile comprises at least two distinct fabric layers:

a fire barrier fabric layer;

a thermally insulating fabric layer attached to said fire barrier fabric layer via needle punching so that a portion of said thermally insulating layer is disposed in said fire barrier fabric layer; and wherein said fire barrier fabric layer and said thermally insulating fabric layer independently comprise at least one char-forming flame-retardant fiber.

4-20. (CANCELLED)

21. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, meta-aramid fibers, fiberglass, melamine fibers, poly-benzimidazole fibers, polyacrylonitrile fibers, novoloid fibers, pre-oxidized fibers, carbon fibers, modacrylic fibers, flame-resistant rayon fibers, flame-retardant viscose fibers, wool fibers, and flame-retardant treated cotton fibers.

22. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, modacrylic fibers, flame-retardant viscose fibers, fiberglass and blends thereof.

23. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said at least one char-forming flame-retardant fiber comprises para-aramid fibers.

24. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said at least one char-forming flame-retardant fiber comprises para-aramid fiber, modacrylic fiber, flame-retardant viscose fiber, or a combination thereof.

25. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, fiberglass and blends thereof.

26. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said-thermally insulating fabric layer comprises a blend of flame-retardant viscose and modacrylic fibers.

27. (CANCELLED)

28. (CURRENTLY AMENDED) An open flame resistant article comprising:
- a) a filling material comprising at least one of:
    - a plurality of springs;
    - a foam material;
    - a water bladder;
    - a batting;
    - an air bladder; and
    - a hairblock; and
  - b) an outermost decorative fabric layer at least partially enclosing said filling material;
  - c) a fire barrier textile at least partially enclosing said filling material, and disposed between said filling material and said outermost decorative fabric layer; and
  - d) wherein said fire barrier textile comprises at least two distinct fabric layers:
    - a fire barrier fabric layer;
    - a thermally insulating fabric layer attached to said fire barrier fabric layer via needle punching so that a portion of said thermally insulating layer is disposed in said fire barrier fabric layer; and wherein said fire barrier fabric layer and said thermally insulating fabric layer independently comprise at least one char-forming flame-retardant fiber.
29. (PREVIOUSLY PRESENTED) An open flame resistant article according to claim 28, wherein said article is selected from mattresses, mattress foundations, upholstered furniture, transportation seating systems, health care seating systems and fire-protective apparel.
30. (PREVIOUSLY PRESENTED) An open flame resistant article according to claim 28, wherein said article is a mattress or mattress foundation.
- 31.-33. (CANCELLED)
34. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein at least one of said fire barrier fabric layer and said thermally insulating

fabric layer comprises at least one structure-providing char-forming flame-retardant fiber.

35. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein at least one of said fire barrier fabric layer and said thermally insulating fabric layer is free of aramid fiber.

36.-38. (CANCELLED)

39. (PREVIOUSLY PRESENTED) An open flame resistant mattress according to claim 3, wherein said mattress meets the smoldering resistance standard as required by the Cigarette Ignition Standard 16 CFR Part 1632.

40. (PREVIOUSLY PRESENTED) The open flame resistant mattress according to claim 3, wherein said mattress, when tested in accordance with California TB 603, has a maximum heat release of less than 200 kW and a total energy release of less than 25 MJ in the first ten minutes of the test.

41. (PREVIOUSLY PRESENTED) The open flame resistant article according to claim 28, wherein said article meets the standard of California TB 117.

42. (PREVIOUSLY PRESENTED) The open flame resistant mattress according to claim 3, wherein said fire barrier fabric layer comprises at least one char-forming flame-retardant fiber and said thermally insulating fabric layer comprises at least one char-forming flame-retardant fiber.

43. (CANCELLED)

44. (PREVIOUSLY PRESENTED) The open flame resistant mattress according to claim 3, wherein said fire barrier textile is at least one of a weave, a knit, and a non-woven of said fire barrier fabric layer and said thermally insulating fabric layer.

45. *(PREVIOUSLY PRESENTED)* The open flame resistant article according to claim 28, wherein said fire barrier fabric layer comprises at least one char-forming flame-retardant fiber and said thermally insulating fabric layer comprises at least one char-forming flame-retardant fiber.
46. *(CANCELLED)*
47. *(PREVIOUSLY PRESENTED)* The open flame resistant article according to claim 28, wherein said fire barrier textile is at least one of a weave, a knit, and a non-woven of said fire barrier fabric layer and said thermally insulating fabric layer.
48. *(PREVIOUSLY PRESENTED)* An open flame resistant mattress set comprising:  
a mattress according to claim 3; and  
a mattress foundation.
49. *(PREVIOUSLY PRESENTED)* The open flame resistant mattress set according to claim 48, wherein said mattress foundation is at least partially enclosed by said fire barrier textile.

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